



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Robert W. Busby et al.

Art Unit :

Serial No. : 09/487,558

Examiner :

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Title : METHODS FOR IMPROVING SECONDARY METABOLITE PRODUCTION
IN FUNGI

Commissioner for Patents
Washington, D.C. 20231

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PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

In the claims:

Cancel claims 1-28, 102 and 103.

Add new claims 104-224 as follows.

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1) --104. A method for modulating the production of a polyketide by a fungus, the method comprising modulating the expression of a gene selected from the group consisting of: ganB, gpa3, creA, Lys14, Pc23 and fungal homologs thereof.

105. The method of claim 104 wherein the polyketide is a statin.

106. The method of claim 105 wherein the statin is lovastatin.

107. The method of claim 104 wherein the fungus is an Ascomycetes.

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I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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